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FILE NO: 56162.000338

January 18, 2002

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Re: Filing of New U.S. Utility Patent Application

Title: **"Method And System For Varying An Echo Canceller Filter
Length Based On Data Rate"**

Inventors: **Michael J. Graziano and Sujai Chari**

Dear Sir:

Attached is a new patent application for filing in the United States Patent and Trademark Office including sixty-one (61) pages of Specification, five (5) pages of Claims (numbered 1-38), one (1) page Abstract, thirty-four (34) sheets of Drawings (labeled Figs. 1a-32), an executed Declaration and Power of Attorney, and an Assignment for recordation.

This application claims priority from provisional application Serial No. 60/308,587, filed July 31, 2001, entitled Method and System For Duplex Symmetric Transmission.

The filing fee is calculated as follows:

				AMOUNT
		BASIC FILING FEE		\$740.00
<i>No. of Claims</i>		<i>No. in Excess</i>	<i>Rate</i>	
<i>Number of Claims in Excess of: 20</i>	38	18	\$18.00	324.00
<i>Independent Claims in Excess of: 3</i>	4	1	\$84.00	84.00
<i>First Presentation of Multiple Dependent Claims</i>			\$ 270.00	.00
<i>Reduce by 1/2 for Small Entity</i>				.00
<i>Assignment Recordation Fee</i>				40.00
TOTAL FEE DUE				1188.00



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A check in the amount of \$1188.00 is attached to cover the basic application filing fee, additional claims fee and recordation of assignment fee. In the event of any variance between the amount enclosed and the Patent and Trademark Office charges, please charge or credit any difference to the undersigned's Deposit Account No. 50-0206.

Please direct all communication concerning this application to:

Kevin T. Duncan, Esq.
Hunton & Williams
Intellectual Property Department
1900 K Street, N.W.
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Respectfully submitted,

HUNTON & WILLIAMS

By: _____

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